

## **ABSTRACT**

A method of sharing memory between COBOL programs is provided. The method includes maintaining, by a COBOL routine, an index of shared memory addresses, requesting, by a COBOL program, a shared memory block, and receiving to a linkage section of the COBOL program an address of the shared memory block from the COBOL routine. A method of enabling queues for COBOL programs is also provided. The method includes creating a queue using a memory space and providing an operating system having a key related to an address of the memory space. The method provides for maintaining the key in an index and communicating with the operating system to receive the address of the memory space based on the key. The method also provides for resolving the memory space to an operable portion of the COBOL program based on the key from the index.